

Spring 2008

## Status of Decision on Long-term Flooding Solution

The Madison Valley Project continues to be a high priority for SPU. Over the past year, SPU has made good progress on the long-term solution project and is continuing to move toward the implementation of the project. SPU has:

- Developed a detailed computer model of the combined sewer system in the Madison Valley basin that allows us to better understand what is needed to prevent flooding caused by major storms, in the area around 30th Ave. E. and E. John St.
- Held many coordination meetings with external agencies necessary for this project including: Seattle Parks and Recreation Department, King County Wastewater Division, U.S. Army Corps of Engineers, Washington State Department of Ecology, NOAA Fisheries.
- Built a physical scale model of the combined sewer line in 30th Ave. E. to provide needed data for analyzing flows in the system during large storms (See article "Madison Valley Physical Model").
- Evaluated a wide variety of options for the long-term solution to alleviate sewer backups and stormwater flooding in the area and narrowed the range of options down to two preferred ones.
- Sought and received broad community input on the two alternatives under consideration for implementation.
- Purchased two homes from willing sellers just south of the current above-ground stormwater facility at 30th Ave. E. and E. John St. to provide flexibility for implementing the long-term solution.

SPU is in the process of providing detailed information on the alternatives to the City's elected officials in order for them to reach a decision about which long-term solution alternative to implement. The information being provided to the elected officials on the alternatives includes both technical analyses and the input SPU has received from the community.

SPU is also in the process of developing a community involvement plan for the final design and construction phases

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## Removal of Two Houses Next to Above Ground Stormwater Storage Facility at 30th Ave E. and E. John St

The two houses (106 and 110 30th Avenue E.) in Madison Valley purchased by SPU in late 2007 are scheduled for demolition beginning in March or early April 2008. Salvageable materials will be removed from the houses prior to the demolition. SPU contacted Habitat for Humanity to gauge their interest in the houses if the houses were moved to another location; however, they were not interested.

The demolition work may occur Monday – Friday from 8:00 a.m. to 6:30 p.m. (Crews may arrive at 7:30 a.m. but will not begin work before 8:00 a.m.) Potential temporary impacts during demolition include noise, dust and vibration, increased truck and oversized vehicle traffic and temporary loss of street parking. "No Parking" signs will be clearly posted. Cars left on the street during posted no parking times may be ticketed or towed.

Once the materials from the two houses are removed from the site, the reusable materials will be sorted out for other uses. The site will then be made safe and usable while a decision on the long-term solution is being made (see article regarding the status of the decision). The work on this site will take approximately three weeks to complete once it begins.



**Madison Valley Physical Model.** The picture shows a small portion of the physical model. The entire model is nearly 300 feet long. The test facility is located in Richmond, BC.

## Madison Valley Physical Model

SPU's consultant has built a 1 to 8 scale physical model of the combined sewer line from E. John St. to a location downstream of manhole 037-421, which is in the Arboretum. The objectives of building the physical model are to:

- Provide information on complex hydraulics in the combined sewer line that we could not obtain with computer modeling.
- Better understand the capacity of the combined sewer line during different kinds of storms.
- Verify the stormwater storage quantities that the project team has developed for the alternatives to alleviate flooding in Madison Valley.
- Inform SPU and King County of how to operate their systems to further reduce the risk of stormwater flooding and sewer backups during large storms.

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of the long-term solution project. SPU will seek input from the Madison Valley Engineering Sub-Committee, comprised of Madison Valley residents, and the broader community throughout these future project phases in order to best meet the needs and interests of all residents and stakeholders that will be affected by the project.

## Fitz Aberra Leaves City Employment for New Job

Fitz Aberra, former Project Manager of the Madison Long-Term Solution Project, left the City in early January 2008 to work in the private sector. To fill his role on the project, SPU management has asked Rick Ballard of RH2 Engineering to take over a number of the Project Management duties along with Celia Kennedy, Program Manager of the Madison Valley Project.

### To learn more about this project, contact:

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Or visit our project website at:

[http://www.seattle.gov/util/About\\_SPU/News/Current\\_Issues/MadisonValleyFlooding/](http://www.seattle.gov/util/About_SPU/News/Current_Issues/MadisonValleyFlooding/)

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